

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
S1	26572	("P2O5" or "phosphorous oxide" or "phosphorous pentoxide" or "phosphorous \$oxide" or "phosphorus oxide" or "phosphorus pentoxide" or "phosphorus \$oxide" or "phosphoric oxide" or "phosphoric pentoxide" or "phosphoric \$oxide")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:41
S2	135351	("MgO" or "magnesium oxide" or "alkaline earth metal oxide" or "alkaline earth metal oxides" or "alkaline earth oxide" or "alkaline earth oxides")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:41
S3	31752	("Na2O" or "sodium oxide" or "alkali metal oxide" or "alkali metal oxides" or "alkali oxide" or "alkali oxides")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:41

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S4	185432 5	("!SiO2!" or silicate or silicates or "silicic acid" or silicate or metasilicate or monosilicate or orthosilicate or polysilicate or sesquisilicate or silica or siliceous or "siliceous diatom" or silicious or "silicious diatom" or silane or oxysilane or alkoxysilane or siloxane or silicon or silicone or "silicon oxide" or "silicon dioxide" or "silicon trioxide" or "silicon tetraoxide" or "silicon pentaoxide" or silicon)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:41
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EAST Search History

S5	184773 4	((silver or "silver oxide" or "silver monoxide" or "disilver oxide" or "di-silver oxide" or "disilver monoxide" or "di-silver monoxide" OR "Ag2O" or "Ag+" or "Ag(I)" or "AgI" or "Ag (I)" or "Ag I" or "Ag(1)" or "Ag 1" or "Ag (1)" or "Ag 1" or "silver(I) oxide" or "silverI oxide" or "silver (I) oxide" or "silver 1 oxide" or "silver(1) oxide" or "silver1 oxide" or "silver (1) oxide" or "silver 1 oxide" OR silver or disilver or "di-silver" or "silver(I)" or "silverI" or "silver (I)" or "silver I" or "silver(1)" or "silver1" or "silver (1)" or "silver 1" OR argentous or "argentous oxide" or "argentous monoxide" or "argentous(I) oxide" or "argentousI oxide" or "argentous (I) oxide" or "argentous I oxide" or "argentous(1) oxide" or "argentous1 oxide" or "argentous (1) oxide" or "argentous 1 oxide" OR argentous or "argentous(I)" or "argentous!" or "argentous (I)" or "argentous I" or "argentous(1)" or "argentous1" or "argentous (1)" or "argentous 1" OR "Ag" or "Ag2O" or "Ag+" or "Ag(I)" or "AgI" or "Ag (I)" or "Ag I" or "Ag(1)" or "Ag 1" or "Ag (1)" or "Ag 1") OR (silver or Alqaedyn 7/19/2006 4:33:23 PM C:\Documents and Settings\carey\My Documents\EAST\Workspaces\10681204_MeyerIndold_Polyurethane Silver Bioglass Wound Composite.wsp	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 11:42
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EAST Search History

S6	394	S1 AND S2 AND S3 AND S4 AND S5	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/14 12:04
S7	85	S6 AND (polyurethane or ployurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Lika or Lycra or Oberon or Neolon or Ostamer or Pilogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber)	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/14 12:04

EAST Search History

S8	13	<p>S6 AND ((urethane or urethanes) NEAR3 (polymer or resin or rosin or plastic or thermoplastic or "thermo-plastic" or osmopolymer or "osmo-polymer" or hydrogel or "colloidal polymer\$" or biopolymer or "bio-polymer" or "natural polymer" or "synthetic polymer" or polymeric or polymerize or polymerized or polymerizable or polymerization or polymerise or polymerised or polymerisable or polymerisation or copolymer or copolymerize or copolymerized or copolymerizable or copolymerization or "co-polymer" or "co-polymerize" or "co-polymerized" or "co-polymerizable" or "co-polymerization" or copolymerise or copolymerised or copolymerisable or copolymerisation or "co-polymerise" or "co-polymerised" or "co-polymerisable" or "co-polymerisation" or terpolymer or terpolymerize or terpolymerized or terpolymerizable or terpolymerization or "ter-polymer" or "ter-polymerize" or "ter-polymerized" or "ter-polymerizable" or "ter-polymerization" or</p> <p>7/19/2006 4:33:23 PM C:\Documents and Settings\My Documents\EAST\Workspaces\10681\04_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp</p>	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:05
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EAST Search History

S9	87	S7 OR S8	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:05
S10	68	S9 AND @AD<="20030409"	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:31
S11	12	S10 AND (Pentaerythritol or "2, 2-bis(hydroxymethyl)-1, 3-propanediol" or "1,1, 1-tris(hydroxymethyl)etha nol" or "2, 2-bis(hydroxymethyl)-1, 3-propanediol" or Auxinutril or "Hercules P 6" or Maxinutril or "Metab-Auxil" or "Metab Auxil" or MetabAuxil or monopentaerythritol or monopentek or "Neulizer P" or Penetek or Pentart or Pentek or "tetra(hydroxymethyl)m ethane" or "tetrakis(hydroxymethyl)m ethane" or "tetramethylolethane" or "THME!")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:25

EAST Search History

S12	3	S10 AND ((polyglycol or polyether or polyoxide) NEARS5 (polyurethane or polyurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Lida or Lycra or Oberon or Neolon or Ostamer or Pliogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:06
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EAST Search History

S13	1	S10 AND ((glycerol or glycerin or glycerine or glycyrrhizin or glycol or glyceritol or glysanin or glyrol or "glycyl alcohol" or "glyceol ophthalgan" or "!1,2,3-propanetriol!" or propanetriol or "!1,3-dihydroxy-2-propanol!" or "!1,2,3-trihydroxypropane!" or trihydroxypropane or trihydroxypropane or Bulbold or "!Emery 916!" or "!Emery 917!" or "!Mackstat H 66!" or Osmoglyn or "Pricerine 9091!" or polyglycol or ether or polyether or oxide or polyoxide or oxy or polyoxy or epoxide or polyhydroxyl or polyol or polyalcohol or "polymeric alcohol") NEARS (ethylene or polyethylene or propylene or polypropylene or butylene or polybutylene or alkylene or polyalkylene) NEARS (polyurethane or ployurethan or polyurethane or urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Likla or Lycra or Oberon or Neolon or Ostamer or Piogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:07
7/19/2006 4:33:23 PM	C:\Documents and Settings\sdzilize\My Documents\EAST\Workspaces\10681\04_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp					Page 8

EAST Search History

S14	3	S10 AND (("alkylene oxide" or "alkylene epoxide" OR "ethylene oxide" or "ethene-oxide" or "ethene oxide" or "ethylene-epoxide" or "ethylene epoxide" or oxyethylene or ethyleneoxy or "1, 2-epoxyethane" or epoxyethane or dimethylene oxide or dihydrooxirene or "Ciba-Geigy 9138" or "Mirror Ox" or oxacyclop propane or oxaethane or "dihydro-oxirene" or dihydrooxirene or oxirene or oxyfume or oxirane OR "propylene oxide" or "1, 2-propylene oxide" or "propene-oxide" or "propene oxide" or "propylene-epoxide" or "propylene epoxide" or propozone or oxypropylene or propyleneoxy or "1, 2-epoxypropane" or "1, 2-epoxy-propane" or "2, 3-epoxypropane" or "2, 3-epoxy-propane" or epoxypropane or "epoxy-propane" or "epoxy propane" or epihydri n or "2-methyloxirane" or "2-methyl-oxirane" or methyloxirane or "methyl-oxirane" or "methyl oxirane" or methyloxacyclop propane OR "polyalkylene oxide" or "(poly)alkylene oxide" or "polyalkylene epoxide" or	US-PGB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:07	
7/19/2006 4:33:23 PM	"(poly)alkylene epoxide" C:\Documents and Settings\meyer\My Documents\EAST\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp						Page 9

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S15	2	S10 AND ("hexamethylene disocyanate" or "1, 6-diisocyanatoxane" or "1,6-hexamethylene diisocyanate" or "1, 6-hexylene diisocyanate" or "hexamethylene ester isocyanic add" or "hexane 1,6-diisocyanate" or "HDI" or "HMDI")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:41
S16	33	S10 AND (bioglass or "bio-glass" or "bio glass" or "bio-glass" or "bioglass" or "biological glass" or "bioactive glass" or "bio-active glass" or "biologically active glass" or "active glass" or "biocompatible glass" or "fusible glass" or Arglaes or "water glass" or waterglass or "soluble glass" or "aqueous glass" or waterglass or "water glass" or "water-glass" or "water soluble glass" or "water-soluble glass" or "ceramic-glass" or "ceramic glass" or "ceramic-glasses" or "ceramic glasses" or "glass-ceramic" or "glass ceramic" or "glass-ceramics" or "glass ceramics")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:29

EAST Search History

S17	36	S10 AND ((solgel or "sol gel" or "sol-gel" or "sol/gel" or "sol\$gel\$" or bio or bioactive or "bio-active" or biologic or biological or biologically or active or biocompatible or fusible or Argiles or soluble or aqueous or water or "water glass" or "water-glass" or "water soluble" or "water-soluble" or ceramic or ceramics) NEAR5 (\$glass))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:30
S18	51	S10 AND ((phosphorus or phosphoric) NEAR15 (oxide or oxides or pentoxide))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:08
S19	65	S10 AND (("Mg" or "Mg++" or magnesium or "alkaline earth metal" or "alkaline earth metals" or "alkaline earth") NEAR15 (oxide or oxides))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:11
S20	64	S10 AND (("Na" or "Na+" or sodium or "alkali metal" or "alkali metals" or alkali) NEAR15 (oxide or oxides))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:12

EAST Search History

S21	26	S10 AND (antiseptic\$ or "anti-septics" or antisepticz\$ or "anti-septiciz\$" or antisepsicis\$ or "anti-septics\$" or septic\$ or aseptic\$ or aseptiz\$ or aseptis\$ or asepsis or antisepsis or "anti-sepsis" or aseptif\$ or sanitiz\$ or sanitis\$ or deodoriz\$ or deodoris\$ or steriliz\$ or sterilis\$ or disinfect\$ or preservative or antifouling or "anti-fouling" or antibiofouling or "anti-biofouling" or germicid\$ or antimicrobial or "anti-microbial" or microbiocid\$ or "micro-biocid\$" or biocid\$ or biostat or biostatic\$ or phytocnid\$ OR bactercid\$ or bacteriocid\$ or bacteriostas\$ or bacteriostat\$ or bacterlastas\$ or bacterlastat\$ or bacteristas\$ or bacteristat\$ or bacteriocin or colicin or antibacterial or "anti-bacterial" or antibiotic or "anti-biotic" or antiricket\$ or "anti-ricket\$" OR virucid\$ or viricid\$ or antiviral or "anti-viral" OR fungicid\$ or antifungal or "anti-fungal" or antimycotic or "anti-mycotic" or antimycosis or "anti-mycosis")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:12
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EAST Search History

S22	31	S10 AND ((agglomerate or agglomerates or agglomerated or agglomerating or \$agglomerate or \$agglomerates or \$agglomerated or \$agglomerating or agglomerat\$ or \$agglomerat\$ or aggregate or aggregates or aggregated or aggregating or \$aggregate or \$aggregates or \$aggregated or \$aggregating or aggregate\$ or \$aggregate\$ or \$bead or \$beads or \$bubble or \$bubbles or \$capsule or \$capsules or \$capsul\$ or \$capsulate or \$capsulates or \$capsulated or \$capsulating or \$capsulat\$ or \$capsulation or core or \$crystal or \$crystals or crystal\$ or \$crystallite or \$droplet or \$droplets or dust or \$dust or dust\$ or \$encapsulate or \$encapsulates or \$encapsulated or \$encapsulating or \$encapsul\$ or \$encapsulation or grain or grains or \$grain or grain\$ or granule or granules or \$granule or granul\$ or granulate or \$granulate or granulat\$ or granulates or granulated or granulating or granular or \$granular or granular\$ or flocculate or flocculates or flocculated or or flocculating or \$flocculate or \$flocculates	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:12
7/19/2006 4:33:23 PM		on \$flocculated or \$flocculating or floccula\$ or \$floccula\$ or \$liposome or \$liposomes or \$liposomal or \$liposom\$ or nuclei or nucleus or particle or particles or \$particle or \$partides or partid\$ or particulate or particulates or particulated or particulating or \$particulate or \$particulates or \$particulated or \$particulating or \$particulat\$ or \$particulat\$ or powder or powders or powdered or powdering or \$powder or powder\$ or shell or shells or solid or "solid dosage form" or sphere or spheres or spherical or sph\$ or \$veside or \$vesicles) NEAR20 (glass or bioglass or "bio-glass" or "bio glass" or "bio-glass" or "bioglass" or "biological glass" or "bioactive glass" or "bio-active glass" or "biologically active glass" or "active glass" or "biocompatible glass" or "fusible glass" or Arglaes or "water glass" or waterglass or "soluble glass" or "aqueous glass" or waterglass or "water glass" or "water-glass" or "water soluble glass" or "water-soluble glass" or "ceramic-glass" or "ceramic glass" or "ceramic-glasses" or "ceramic glasses" or "glass-ceramic" or "glass ceramic" or "glass-ceramics" or "glass ceramics"))				Page 13 C:\Documents and Settings\Public\My Documents\EAST\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp

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S23	32	S10 AND ((micrometer or "micro-meter" or "micro meter" or micrometers or "micro-meters" or "micro meters" or "um!" or micro or micron or microns or micronize or micronized or micronizing or mesh or size or diameter or nanometer or "nano-meter" or "nano meter" or nanometers or "nano-meters" or "nano meters" or "nm!" or nano or submicron or "sub-micron" or "sub micron" or picometer or "pico-meter" or "pico meter" or picometers or "pico-meters" or "pico meters" or "pm!" or pico or angstrom or angstroms) NEAR20 (glass or bioglass or "bio-glass" or "bi-glass" or "bio-glass" or "bioglass" or "biological glass" or "bioactive glass" or "bio-active glass" or "biologically active glass" or "active glass" or "biocompatible glass" or "fusible glass" or Arglaes or "water glass" or waterglass or "soluble glass" or "aqueous glass" or waterglass or "water glass" or "water-glass" or "water soluble glass" or "water-soluble glass" or "ceramic-glass" or "ceramic glass" or "ceramic-glasses" or "ceramic glasses" or "glass-ceramic" or "glass ceramic" or	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:13
7/19/2006 4:33:23 PM	"glass-ceramics" or "glass ceramics"))	C:\Documents and Settings\dstitzel\My Documents\EAST\Workspaces\10681\04_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp			Page 14	

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S24	19	<p>S10 AND ((micrometer or "micro-meter" or "micro meter" or micrometers or "micro-meters" or "micro meters" or "!um!" or micro or micron or microns or mesh or size or diameter) NEAR20 (agglomerate or agglomerates or aggregated or agglomerated or agglomerating or aggregate or aggregates or aggregated or aggregating or \$bead or \$beads or \$bubble or \$bubbles or \$capsule or \$capsules or \$capsul\$ or \$capsulate or \$capsulates or \$capsulated or \$capsulating or \$capsulat\$ or \$capsulation or core or \$crystal or \$crystals or crystal\$ or \$crystallite or \$droplet or \$droplets or dust or \$encapsulate or \$encapsulates or \$encapsulated or \$encapsulating or \$encapsul\$ or \$encapsulation or grain or grains or \$grain or granule or granules or \$granule or granu\$ or granulate or \$granulate or granulat\$ or granulates or granulated or granulating or granular or \$granular or flocculate or flocculates or flocculating or \$flocculate or \$flocculates or flocculat\$ or \$liposome or \$liposomes or \$liposomal or nuclei or nucleus or particle or particles or \$particle or \$particles or particulate or particulates or particulated or particulating or \$particulate or \$particulates or \$particulated or \$particulating or particula\$ or powder or powders or powdered or powdering or \$powder or shell or shells or solid or "solid dosage form" or sphere or spheres or spherical or sph\$ or \$vesicle or \$vesicles) NEAR20 (glass or bioglass or "bio-glass" or "bio glass" or "bio-glass" or "bioglass" or "biological glass" or "bioactive glass" or "bio-active glass" or "biologically active glass" or "active glass" or "biocompatible glass" or "fusible glass" or Arglaes or "water glass" or waterglass or "soluble glass" or "aqueous glass" or waterglass or "water glass" or "water-glass" or "water soluble glass" or "water-soluble glass" or "ceramic-glass" or "ceramic glass" or "ceramic-glasses" or "ceramic glasses" or "glass-ceramic" or "glass ceramic" or "glass-ceramics" or "glass ceramics"))</p>	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:13
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S25	5	S10 AND ((nanometer or "nano-meter" or "nano meter" or nanometers or "nano-meters" or "nano meters" or "nm!" or nano or submicron or "sub-micron" or "sub micron") NEAR20 (agglomerate or agglomerates or agglomerated or agglomerating or aggregate or aggregates or aggregated or aggregating or \$bead or \$beads or \$bubble or \$bubbles or \$capsule or \$capsules or \$capsul\$ or \$capsulate or \$capsulates or \$capsulated or \$capsulating or \$capsulat\$ or \$capsulation or core or \$crystal or \$crystals or crystal\$ or \$crystallite or \$droplet or \$droplets or dust or \$encapsulate or \$encapsulates or \$encapsulated or \$encapsulating or \$encapsul\$ or \$encapsulation or grain or grains or \$grain or granule or granules or \$granule or granul\$ or granulate or \$granulate or granulat\$ or granulates or granulated or granulating or granular or \$granular or flocculate or flocculates or flocculating or \$flocculate or \$flocculates or flocculat\$ or \$liposome or \$liposomes or \$liposomal or nuclei or nucleus or particle or particles or 7/19/2006 4:33:23 PM C:\Documents and Settings\meyer\My Documents\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:13
		\$particle or \$particles or particulate or particulates or particulated or particulating or \$particulate or \$particulates or \$particulated or \$particulating or particulat\$ or powder or powders or powdered or powdering or \$powder or shell or shells or solid or "solid dosage form" or sphere or spheres or spherical or spher\$ or \$veside or \$vesicles) NEAR20 (glass or bioglass or "bio-glass" or "bio glass" or "bio-glass" or "bioglass" or "biological glass" or "bioactive glass" or "bio-active glass" or "biologically active glass" or "active glass" or "biocompatible glass" or "fusible glass" or Arglaes or "water glass" or waterglass or "soluble glass" or "aqueous glass" or waterglass or "water glass" or "water-glass" or "water soluble glass" or "water-soluble glass" or "ceramic-glass" or "ceramic glass" or "ceramic-glasses" or "ceramic glasses" or "glass-ceramic" or "glass ceramic" or "glass-ceramics" or "glass ceramic"))				Page 10

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S26	49	S10 AND (acrylic or acrylate or methacrylate or polyacrylic or "poly acrylic" or "poly-acrylic" or "(poly)acrylic" or polyacrylate or "poly acrylate" or "poly-acrylate" or "(poly)acrylate" or polymethacrylate or "poly methacrylate" or "poly-methacrylate" or "(poly)methacrylate" or methacrylic or methacrylate or "(meth)acrylic" or "(meth)acrylate" or "\$methacrylic" or "\$methacrylate" or "\${(meth)acrylic" or "\${(meth)acrylate" or polymethacrylic or polymethacrylate or "poly(meth)acrylic" or "poly(meth)acrylate" or alkylacrylic or alkylacrylate or alkylmethacrylate or "(alky)acrylic" or "(alky)acrylate" or "alkyl(meth)acrylate" or "alkyl (meth)acrylate" or "alkyl acrylic" or "alkyl acrylate" or "alkyl methacrylate" or "\$alkylacrylic" or "\$alkylacrylate" or "\$alkylmethacrylate" or "\${(alky)acrylic" or "\${(alky)acrylate" or "\$alkyl(meth)acrylate" or "\$alkyl (meth)acrylate" or "\$alkyl acrylic" or "\$alkyl acrylate" or "\$alkyl methacrylate" or polyalkylacrylic or polyalkylacrylate or polyalkylmethacrylate or	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:13
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S27	24	S10 AND (ethylacrylic or ethylacrylate or ethylmethacrylate or "(ethyl)acrylic" or "(ethyl)acrylate" or "ethyl(meth)acrylate" or "ethyl (meth)acrylate" or "ethyl acrylic" or "ethyl acrylate" or "ethyl methacrylate" or "\$ethylacrylic" or "\$ethylacrylate" or "\$ethylmethacrylate" or "(ethyl)acrylic" or "\$(ethyl)acrylate" or "\$ethyl(meth)acrylate" or "\$ethyl (meth)acrylate" or "\$ethyl acrylic" or "\$ethyl acrylate" or "\$ethyl methacrylate" or polyethylacrylic or polyethylacrylate or polyethylmethacrylate or "poly(ethyl)acrylic" or "poly(ethyl)acrylate" or "polyethyl(meth)acrylate" or "polyethyl acrylic" or "polyethyl acrylate" or "polyethyl methacrylate" or "poly(ethyl) acrylic" or "poly(ethyl) acrylate" or "polyethyl (meth)acrylate" or propylacrylic or propylacrylate or propylmethacrylate or "(propyl)acrylic" or "(propyl)acrylate" or "propyl(meth)acrylate" or "propyl (meth)acrylate" or "propyl acrylic" or "propyl acrylate" or "propyl methacrylate" or "\$propylacrylic" or "\$propylacrylate" or "\$propylmethacrylate" or "(propyl)acrylic" or 7/19/2006 4:33:23 PM "(\$propyl)acrylate" or "\$propyl(meth)acrylate" or "\$propyl (meth)acrylate" or "\$propyl acrylic" or "\$propyl acrylate" or "\$propyl methacrylate" or polypropylacrylic or polypropylacrylate or polypropylmethacrylate or "poly(propyl)acrylic" or "poly(propyl)acrylate" or "polypropyl(meth)acrylate" or "polypropyl acrylic" or "polypropyl acrylate" or "polypropyl methacrylate" or "poly(propyl) acrylic" or "poly(propyl) acrylate" or "polypropyl (meth)acrylate" or butylacrylic or butylacrylate or butylmethacrylate or "(butyl)acrylic" or "(butyl)acrylate" or "butyl(meth)acrylate" or "butyl (meth)acrylate" or "butyl acrylic" or "butyl acrylate" or "butyl methacrylate" or "\$butylacrylic" or "\$butylacrylate" or "\$butylmethacrylate" or "\$(butyl)acrylic" or "\$(butyl)acrylate" or "\$butyl(meth)acrylate" or "\$butyl (meth)acrylate" or "\$butyl acrylic" or "\$butyl acrylate" or "\$butyl methacrylate" or polybutylacrylic or polybutylacrylate or polybutylmethacrylate or "poly(butyl)acrylic" or "poly(butyl)acrylate" or "polybutyl(meth)acrylate" or "polybutyl acrylic" or "polybutyl acrylate" or "polybutyl methacrylate" or "poly(butyl) acrylic" or "poly(butyl) acrylate" or "polybutyl (meth)acrylate")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:14
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EAST Search History

S28	45	S10 AND (colloid or colloidal or hydrocolloid or hydrocolloidal or hydrogel OR gum or "anionic gum" or "natural gum" or acacia or arabica or arabic or carrageen or carrageen or carrageenan or carrageenen or carrageenin or carageen or carageen or carageenan or carageenin or carageenate or carrageenate or carageenate or carageenate or carob or carobin or chide or dammar or gellan or guar or karaya or kelzan or "locust bean" or tragacanth or xanthan OR saccharide or monosaccharide or disaccharide or \$oligosaccharide or polysaccharide or starch or \$starch or cornstarch or cellulose or \$cellulose or "microcrystalline cellulose" or "micro-crystalline cellulose" or dextran or \$dextran\$ or dextrin or \$dextrin\$ or cyclodextrin or \$cyclodextrin\$ or maltodextrin or fructan or chitosan or chitin or glycogen or gum OR carbohydrate or sugar or "polyhydric alcohol" or saccharide or monosaccharide or \$dxetrose or glucose or fructose or mannose or lactose or maltose or sucrose OR curculin or erythritol or glycol or glycerin or glycerol or glycerin or glycerine or isomalt or lactitol or mabinlin maititol or mannitol or miraculin or monelin or pentadin or sorbitol or stevia or stevioside or tagatose or thaumatin or xylitol OR acesulfame or "acesulfame potassium" or alitame or aspartame or cyclamate or dulcin or "neohesperidine dihydrochalcone" or neotame or "P-4000" or saccharin or saccharine or benzosulfimide or sucralose)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:14
7/19/2006 4:33:23 PM		C:\Documents and Settings\meyer\My Documents\Searches\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp			Page 19	

EAST Search History

S29	46	S10 AND ("opaque white pigment" or "opaque pigment" or "white pigment" or pigment or color or colour or colorant or coloring or opaque or opaqueness or opacifier or opacity or opacities or opacifying or opacification)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:14
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EAST Search History

S30	32	S10 AND ("!TiO2!" or "!Ti++++!" or "titanium dioxide" or "titanium oxide" or "titanic oxide" or "titanium white" or "pigment white 6" or "titanium(IV) oxide" or "titaniumIV oxide" or "titanium (IV) oxide" or "titanium IV oxide" or "titanium(4) oxide" or "titanium4 oxide" or "titanium (4) oxide" or "titanium 4 oxide" or "63B1 White" or "A 200 pigment" or "A 330 pigment" or "A-Fil Cream" or "Aerolyst 7710" or "Aerolyst 7711" or "Aerosil P 25" or "Aerosil P 25S6" or "Aerosil P 27" or "Aeroxide P 25" or "AK 15 pigment" or "Amperit 780" or "Austiox R-CR 3" or "B 101 pigment" or "Bayer R-FD 1" or "Bayertitan A" or "Bayertitan AN 3" or "Bayertitan R-FD 1" or "Bayertitan R-FK 21" or "Bayertitan R-FK-D" or "Bayertitan R-KB 2" or "Bayertitan R-KB 3" or "Bayertitan R-KB 4" or "Bayertitan R-KB 5" or "Bayertitan R-KB 6" or "Bayertitan R-U 2" or "Bayertitan R-U-F" or "Bayertitan R-V-SE 20")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 18:17
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EAST Search History

S31	29	S10 AND ((titanium or titanic or titania or "TiO2!" or "Ti++++!" or "titanium dioxide" or "titanium oxide" or "titanic oxide" or "titanium white" or "pigment white 6" or "titanium(IV) oxide" or "titaniumIV oxide" or "titanium (IV) oxide" or "titanium IV oxide" or "titanium(4) oxide" or "titanium4 oxide" or "titanium (4) oxide" or "titanium 4 oxide" or "titanium(IV)" or "titaniumIV" or "titanium (IV)" or "titanium IV" or "titanium(4)" or "titanium4" or "titanium (4)" or "titanium 4") NEAR15 (oxide or oxides or dioxide or dioxides or "opaque white pigment" or "opaque pigment" or "white pigment" or pigment or color or colour or colorant or coloring or opaque or opaqueness or opacifier or opacity or opacities or opacifying or opacification))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:15
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EAST Search History

S32	35	S10 AND (wound or wounds or lesion or incision or laceration or abrasion or burn or tissue or "artificial tissue" or "synthetic tissue" or skin or "artificial skin" or "synthetic skin" or skin or epiderm\$ or epidermal or epidermis or epitheli\$ or epithelial or epithelium or epithelia or derm\$ or dermal or dermis or derma or dermatological or cutaneous or \$cutaneous or cutaneal or topical or topically or "topical administration" or medical or medicinal or surgical or surgery or suture or sutured or sutures or suturing or sutura)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:02
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EAST Search History

S33	21	S10 AND ((absorb or absorbed or absorbs or absorbing or absorption or absorbate or absorbant or absorbent or adsorb or adsorbed or adsorbs or adsorbing or adsorption or adsorbate or adsorbant or adsorbent or sorb or sorbed or sorbs or sorbing or sorption or sorbent or sorbate or sorbant or sorbent OR permeate or permeates or permeated or permeating or permeating or permeation or permeable or permeably or permeability or semipermeate or semipermeates or semipermeated or semipermeating or semipermeating or semipermeation or semipermeable or semipermeably or semipermeability or "semi-permeate" or "semi-permeates" or "semi-permeated" or "semi-permeating" or "semi-permeating" or "semi-permeation" or "semi-permeable" or "semi-permeably" or "semi-permeability") NEAR10 (water or aqua or aqueous or vapor or moisture or hydrous or hydrate or saline or humid or humidity or moist or wet or humid or damp or hydrophilic or liquid or fluid or fluids or fluidic or "body fluid" or "body fluids" or exudate or exudates or blood or saliva or urine))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 14:48
7/19/2006 4:33:23 PM	Page 24 C:\Documents and Settings\dstutz\My Documents\EAST\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass Wound Composite.wsp					

EAST Search History

S34	22	S10 AND (foam or foams or foamed or foaming)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:19
S35	65	S10 AND (sheet or layer or layered or layers or layering or coat or coated or coats or coating)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:19
S36	33	S10 AND ((sheet or layer or layered or layers or layering or coat or coated or coats or coating) NEAR5 (area or amount or thick or thickness))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:00
S37	57	S10 AND (adhere or adhered or adheres or adhering or adhesion or adherent or adhesive or adjoin or adjoined or adjoins or adjoining or attach or attached or attaches or attaching or attachment)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:21
S38	68	S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/14 17:14

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
S1	382	((polyglycol or polyether or polyoxide) NEAR5 (ratio) NEAR5 (polyurethane or ployurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Likla or Lycra or Oberon or Neolon or Ostamer or Pliogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes or diisocyanate or isocyanate))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/19 08:35

EAST Search History

S2	369	((polyurethane or ployurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Likla or Lycra or Oberon or Nealon or Ostamer or Pliogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes or diisocyanate or isocyanate) NEARS (ratio) NEARS5 (glycerol or glycerin or glycerine or glycyrrhizin or glycol or glyceritol or glysanin or glyrol or "glycyl alcohol" or "glyceol ophthalgan" or "!1, 2,3-propanetriol!" or propanetriol or "!1, 3-dihydroxy-2-propanol!" or "!1,2, 3-trihydroxypropane!" or trihydroxypropane or trihydroxypropane or Bulbold or "!Emery 916!" or "!Emery 917!" or "!Mackstat H 66!" or Osmoglyn or "!Picerine 9091!" or polyglycol or ether or ethers or polyether or oxide or polyoxide or oxy or polyoxy or epoxide or polyhydroxyl or polyol or polyalcohol or "polymeric alcohol") NEARS5 (ethylene or polyethylene or propylene or polypropylene or butylene or polybutylene or alkylene or polyalkylene or polyalkyl))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/18 14:29
7/19/2006 4:32:30 PM	C:\Documents and Settings\meyer\My Documents\EAST\Workspaces\10681\04_MeyerIngold_Polyurethane Silver Bioglass Wound Composite_2.wsp					Page 2

EAST Search History

S3	826	((polyurethane or polyurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Likla or Lycra or Oberon or Nealon or Ostamer or Pliogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes or diisocyanate or isocyanate) NEARS (ratio) NEAR5 ("alkylene oxide" or "alkylene epoxide" OR "ethylene oxide" or "ethene oxide" or "ethylene-epoxide" or "ethylene epoxide" or oxyethylene or ethyleneoxy or "1, 2-epoxyethane" or epoxyethane or dimethylene oxide or dihydrooxirene or "Ciba-Geigy 9138" or "Miror Ox" or oxacydopropane or oxidoethane or "dihydro-oxirene" or dihydrooxirene or oxirene or oxyfume or oxirane OR "propylene oxide" or "1, 2-propylene oxide" or "propene-oxide" or "propene oxide" or "propylene-epoxide" or "propylene epoxide" or	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 08:23
7/19/2006 4:32:30 PM	C:\Documents and Settings\j...nterface\Documents\EAST\Workspaces\10681204_MeyerIngold_Polyurethane Silver Bioglass	propanone or oxypropylene or propyleneoxy or "1, 2-epoxypropane" or "2, 3-epoxypropane" or "3-epoxypropane" or epoxypropane or "epoxy-propane" or "epoxy propane" or epihydrin or "2-methyloxirane" or "2-methyl-oxirane" or methyloxirane or "methyl-oxirane" or "methyl loxirane" or methyloxacydopropane OR "polyalkylene oxide" or "(poly)alkylene oxide" or "polyalkylene epoxide" or "(poly)alkylene epoxide" or "polyoxalkylene" or "(poly)oxalkylene" or polyether OR "polyethylene oxide" or "(poly)ethylene oxide" or "polyethylene epoxide" or "(poly)ethylene epoxide" or polyoxyethylene or "(poly)oxyethylene" or "poly(oxy-1,2-ethanediyl)" or "hydroxypoly(ethylene oxide)" or "hydroxypoly(oxy-1, 2-ethanediyl)" or "hydroxypoly(oxyethylene)" or "1,2-ethanediol polymer" or "polyethylene oxide" or Alkox or Antarox or "Aquacide III" or Aquaffin or Badimol or "Bradsyn PEG" or Breox or "Breox PEG" or Carbowax or Polyox OR "polypolyethylene oxide" or "(poly)propylene oxide" or "polypropylene epoxide" or "(poly)propylene epoxide" or polyoxypropylene or "(poly)oxypropylene" or "poly(oxy-1, 2-propanediyl)" or "hydroxypoly(propylene oxide)" or				Page

EAST Search History

S4	1069	S1 OR S2 OR S3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 08:23
S5	915	S4 AND @AD<="20030409"	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/18 14:31
S6	128	S5 AND ((absorb or absorbed or absorbs or absorbing or absorption or absorbate or absorbant or absorbent or adsorb or adsorbed or adsorb or adsorbing or adsorption or adsorbate or adsorbant or adsorbent or sorb or sorbed or sorbs or sorbing or sorption or sorbent or sorbate or sorbant or sorbent) NEAR10 (water or aqua or aqueous or moisture or hydrous or hydrate or saline or humid or humidity or moist or wet or humid or damp or hydrophilic or liquid or fluid or fluids or fluidic or "body fluid" or "body fluids" or "physiologic fluid" or "physiologic fluids" or "physiological fluid" or "physiological fluids" or exudate or exudates or blood or serum or saliva or urine or vapor or gas))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 08:43

EAST Search History

S7	79	SS AND ((permeate or permeates or permeated or permeating or permeating or permeation or permeable or permeably or permeability or semipermeate or semipermeates or semipermeated or semipermeating or semipermeating or semipermeation or semipermeable or semipermeably or semipermeability or "semi-permeate" or "semi-permeates" or "semi-permeated" or "semi-permeating" or "semi-permeating" or "semi-permeation" or "semi-permeable" or "semi-permeably" or "semi-permeability") NEAR10 (water or aqua or aqueous or moisture or hydrous or hydrate or saline or humid or humidity or moist or wet or humid or damp or hydrophilic or liquid or fluid or fluids or fluidic or "body fluid" or "body fluids" or "physiologic fluid" or "physiologic fluids" or "physiological fluid" or "physiological fluids" or exudate or exudates or blood or serum or saliva or urine or vapor or gas))	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/17 08:43
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EAST Search History

S8	42	S6 AND S7	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/17 08:44
S9	23	S8 AND ("hydroxy groups" or "hydroxyl groups")	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/17 08:44
S10	42	S8 OR S9	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/17 08:49
S11	17	S10 AND (wound or "body fluid" or "body fluids" or "physiologic fluid" or "physiologic fluids" or "physiological fluid" or "physiological fluids" or exudate or exudates or blood or serum or saliva or urine)	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/18 14:33

EAST Search History

S12	8	S11 AND (Pentaerythritol or "2, 2-bis(hydroxymethyl)-1, 3-propanediol" or "1,1, 1-tris(hydroxymethyl)ethanol" or "2, 2-bis(hydroxymethyl)-1, 3-propanediol" or Auxinutril or "Hercules P 6" or Maxinutril or "Metab-Auxil" or "Metab Auxil" or MetabAuxil or monopentaerythritol or monopentek or "Neulizer P" or Penetek or Pentarit or Pentek or "tetra(hydroxymethyl)methane" or "tetrakis(hydroxymethyl)methane" or "tetramethylolmethane" or "[THMEI"])	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 09:06
S13	16	S11 AND ("hexamethylene diisocyanate" or "hexamethylenedilisocyanate" or "1, 6-disocyanatohexane" or "1,6-hexamethylene diisocyanate" or "1, 6-hexylene diisocyanate" or "hexamethylene ester isocyanic acid" or "hexane 1,6-diisocyanate" or "HDI" or "HMDI")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 09:24
S14	17	S11 OR S12 OR S13	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/17 10:35

EAST Search History

S15	429	((polyurethane or ployurethan or polyurethane or "urethane polymer" or "polymeric urethane" or Andur or Curene or Dorlastan or Elastane or Espa or Etheron or Glospan or Isourethane or Likla or Lyra or Oberon or Neonol or Ostamer or Pliogrip or Polyfoam or Pyren or Spandel or Spandex or Spenkel or Spenlite or Vyrene or "synthetic rubber" or "synthetic rubbers" or rubber or urethane or urethanes or diisocyanate or isocyanate) NEARS (catalyst or catalytic) NEAR5 (bismuth or "!Bi!"))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/18 14:31
S16	348	S15 AND @AD<="20030409"	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/19 08:36
S17	22	S16 AND (wound or "body fluid" or "body fluids" or "physiologic fluid" or "physiologic fluids" or "physiological fluid" or "physiological fluids" or exudate or exudates or blood or serum or saliva or urine)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/18 14:33

EAST Search History

S18	52	("0002417" "2001000698 7" "20010009831" "20020 172709" "0253321" "4661 099" "5000746" "5049139 "5470585" "5571080" "5 614006" "5681575" "5844 013" "6143318" "6191216 "6410633" "6428800" "6 447805" "6468521" "6482 427" "6482444" "6528443 "6555491" "6592888" "6 593260" "6815379" "6838 171" "0064193").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/18 16:20
S19	67	("0172709" "2001002315 6" "20020086039" "20040 002416" "20040002417" " 20040018227" "20040137 075" "20040202703" "200 40253321" "20050064193 "3555491" "4661099" "4 920172" "5000746" "5049 139" "5470585" "5470585 "5571080" "5591820" "5 614006" "5681575" "5844 013" "6143318" "6191216 "6410633" "6428800" "6 447805" "6468521" "6482 427" "6482444" "6528443 "6592888" "6593260" "6 815379" "6838171" "0006 987" "0009831").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/18 16:20
S20	78	S18 OR S19	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/18 16:21

EAST Search History

S21	52	("0002417" "20010006987" "20010009831" "20020172709" "0253321" "4661099" "5000746" "5049139" "I" "5470585" "5571080" "5614006" "5681575" "5844013" "6143318" "6191216" "I" "6410633" "6428800" "6447805" "6468521" "6482427" "6482444" "6528443" "6555491" "6592888" "6593260" "6815379" "6838171" "0064193").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/19 08:35
S22	67	("0172709" "20010023156" "20020086039" "2004002416" "20040018227" "20040137075" "20040202703" "20040253321" "20050064193" "I" "3555491" "4661099" "4920172" "5000746" "5049139" "5470585" "5470585" "5571080" "5591820" "5614006" "5681575" "5844013" "6143318" "6191216" "I" "6410633" "6428800" "6447805" "6468521" "6482427" "6482444" "6528443" "6592888" "6593260" "6815379" "6838171" "0006987" "0009831").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/19 08:35
S23	78	S21 OR S22	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/19 08:35

EAST Search History

S24	62	S23 AND @AD<="20030409"	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/19 08:36
S25	7	S24 AND (discoloration)	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/19 08:37